

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/01599

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08K3/34 C08L23/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/32795 A (DUPONT DOW ELASTOMERS LLC) 30 July 1998 (1998-07-30) cited in the application	1,3-6, 11-17, 19, 58-62, 64-66 7,18,63
Y	abstract; claims 1-12 page 28, lines 2,14 page 12, line 24 page 14, line 21 page 15, line 13	
Y	US 5 731 376 A (GRASMEDER JOHN RUSSELL) 24 March 1998 (1998-03-24) abstract; claims 1-6	18,63
Y	US 6 287 681 B1 (DAS AMITABH ET AL) 11 September 2001 (2001-09-11) abstract; claims 1-18 column 1, lines 40-56	7

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

12 February 2004

Date of mailing of the international search report

19. 05. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer:

Bergmans, K

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA 03/01599

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1, 3-7, 11-19, 58-66 (partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,3-7,11-19,58-66 (partially)

A composition comprising a soft ethylene elastomer component and a filler. A process for preparing said composition and article of manufacture.

2. claims: 2-19 (partially),58-66(partially)

A composition comprising a soft ethylene elastomer component, a filler (mica), and a compatibiliser. A process for preparing said composition and article of manufacture.

3. claims: 20-29,41-44,58-66(partially)

A composition comprising a soft ethylene elastomer component, a filler (mica), and a silicone compound. A process for preparing said composition and article of manufacture.

4. claims: 30-44 (partially),58-66(partially)

A composition comprising a soft ethylene elastomer component, a filler, a compatibiliser, and a silicone compound. A process for preparing said composition and article of manufacture.

5. claims: 2-19,(partially),45-57 (partially)

A process for preparing a composition using a master batch, wherein said composition comprising a soft ethylene elastomer component, a filler (mica), and a compatibiliser.

6. claims: 30-44 (partially),45-57(partially)

A process for preparing a composition using a master batch, wherein said composition comprising a soft ethylene elastomer component, a filler, a compatibiliser, and a silicone compound.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01599

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9832795	A	30-07-1998	US 6506842 B1	14-01-2003
			AU 5931998 A	18-08-1998
			BR 9806932 A	02-05-2000
			CA 2277950 A1	30-07-1998
			CN 1140573 C	03-03-2004
			EP 0963406 A1	15-12-1999
			ID 19852 A	13-08-1998
			JP 2002513430 T	08-05-2002
			TW 432093 B	01-05-2001
			WO 9832795 A1	30-07-1998
US 5731376	A	24-03-1998	AT 201429 T	15-06-2001
			AU 667821 B2	18-04-1996
			AU 2362892 A	02-03-1993
			DE 69231838 D1	28-06-2001
			DE 69231838 T2	06-09-2001
			DK 596932 T3	30-07-2001
			EP 0596932 A1	18-05-1994
			ES 2157205 T3	16-08-2001
			WO 9303095 A1	18-02-1993
			GR 3035946 T3	31-08-2001
			JP 6509378 T	20-10-1994
US 6287681	B1	11-09-2001	AU 6110200 A	05-02-2001
			CN 1361839 T	31-07-2002
			EP 1204797 A1	15-05-2002
			WO 0106058 A1	25-01-2001